Amendments to the Claims (Corrected):

Please amend the claims according to the following listing of claims (with markings showing current changes).

Listing of Claims:

1. (Currently Amended) A method performed by a machine interfacing with a system integrator, for integrating a plurality of completed executable programs as components to build an integrated middleware program, comprising the steps of:

invoking script for selecting and generating plural choices of middleware components and choices of their parameters to be used for integration of the plurality of completed executable programs;

providing to the system integrator the choices of middleware components and their parameter choices;

receiving choices of middleware components and their parameters from the system integrator; and

thereafter, building the integrated middleware program from the completed executable programs in dependence upon the received choices.

2. (Currently Amended) The method of claim 1, further comprising:

providing to the system integrator configuration information based upon the choices;

requesting confirmation of the ~~displayed~~ provided configuration information from the system integrator; and

performing said step of building in response to receiving system integrator confirmation.

3. (Original) The method of claim 2, wherein:

each of said steps of providing include displaying the respective choices to the system integrator.

4. (Original) The method of claim 3, wherein:

each of said steps of providing, requesting and receiving include interfacing with the system integrator through a web browser with a markup language.

5. (Original) The method of claim 3, wherein:

each of said steps of selecting include two way communication via a web browser over a network with storages in a distributed environment.

6. (Original) The method of claim 5, wherein:

each of said steps of selecting includes generating corresponding ones of the choices in a markup language from configuration files obtained from the storages in the distributed environment.

7. (Original) The method of claim 1, wherein:

said step of selecting includes two way communication via a web browser over a network with storages in a distributed environment.

8. (Original) The method of claim 7, wherein:

said step of generating includes generating corresponding ones of the choices in a markup language from configuration files obtained from the storages in the distributed environment.

9. (Currently Amended) The method of claim 7, further including:

selecting plural choices of the types of integration to be performed by the integrated middleware program;

providing to the system integrator the plural choices of types of integration to be performed;

receiving choices from the system integrator from among the choices of types of integration to be performed; and

downloading the ~~complete~~ completed executable programs in dependence upon received choices of types of integration.

10. (Currently Amended) The method of claim 1, further comprising:

providing to the system integrator an indication of choices made by the system integrator and choices not made by the system integrator and requesting confirmation; and

thereafter, in response to receiving system integrator confirmation, performing said step of building the integrated middleware program.

11. (Currently Amended) The method of claim 1, wherein:

each of said steps of selecting include retrieving from storage script that reads configuration files and invoking the script to perform said ~~gnerating~~ generating; and

said step of building includes retrieving from storage and invoking script and build tools.

12. (Currently Amended) The method of claim 1, wherein:

said step of providing to the system integrator plural choices, presents choices of microprocessor cores to which the plurality of completed executable programs are to be mapped, compiler choices, assembly choices, real-time operating system choices, speed choices, and choices of parameters for middleware components of the integrated program including configuration information of performance, power consumption and code size.

13. (Original) The method of claim 1, wherein:

said step of selecting includes retrieving from storage script that reads configuration files and executing at least some of the script for retrieving from storage markup language code that describes configuration files for use by said step of providing.

14. (Original) The method of claim 13, wherein:

said step of selecting includes storing the configuration files in a distributed environment.

15. (Original) The method of claim 1, wherein:

said step of providing to the system integrator plural choices and said step of receiving are each conducted for choices of media type, processor identification, optimization level, and endianness.

16. (Original) A configuration tool for use in a computer system and for interfacing with a system integrator in integrating programs, said configuration tool comprising:

storage media having physical implementation of code for performing the method of claim 1.

17. (Currently Amended) A configuration tool for use in a computer system and for interfacing with a system integrator in integrating middleware programs, said configuration tool comprising:

storage media having physical implementation of code for performing the method of claim 3.

18. (Currently Amended) A configuration tool for use in a computer system and for interfacing with a system integrator in building an integrated middleware program, said configuration tool comprising:

storage media having physical implementation of code for performing the method of claim 5.

19. (Currently Amended) A configuration tool for use in a computer system and for interfacing with a system integrator in integrating middleware programs, said configuration tool comprising:

storage media having physical implementation of code for performing the method of claim 6.

20. (Currently Amended) A configuration system comprising the configuration tool of claim 16, for operation in a distributed environment, the system further comprising:

at least one computer coupled to said configuration tool;

a web browser coupled to said computer and said configuration tool for interfacing with the system integrator and with said storage media for the steps of selecting and receiving;

a display coupled to said web browser for interfacing with the system integrator for the step of providing;

said storage media being in a distributed environment and having physical implementation of configuration files of middleware component specifications in machine-readable form, and containing machine-readable middleware component files for said plurality of completed executable programs;

said storage media further having physical implementation of machine-readable display page formats for interfacing with the system integrator during the steps of providing and receiving; and

software build tools coupled to said configuration tool.

21. (Original) The configuration system according to claim 20, wherein

said configuration files are of media type, processor cores to which executable programs are to be mapped, compiler and assembly options, real-time operating systems, speed optimization levels, and parameters of the plurality of completed executable programs; and

said storage media stores physical implementations of said page formats in a markup language for choices of media type, processor cores, speed optimization levels, and parameters of the plurality of completed executable programs.

22. (Currently Amended) A configuration tool for use in a computer system having configuration files and interfacing with a system integrator in integrating middleware programs from a plurality of completed executable programs, said configuration tool comprising:

means for reading middleware configuration files in response to input of system integrator commands;

means for describing read middleware configuration files as configuration choices to the system integrator;

means for formatting and for presenting to the system integrator configuration data for the integrated middleware program, and for requesting confirmation of the configuration data;

means for controlling downloading of the plurality of completed executable programs from storage and corresponding to system integrator choices; and

means for building the integrated middleware program from the ~~components~~ plurality of completed executable programs, in response to receiving system integrator confirmation.

23. (Original) A configuration system comprising the configuration tool of claim 22 for operation in a distributed environment, the system further comprising:

at least one computer coupled to said configuration tool; storage media having physical implementation of display page formats for interfacing with the system integrator;

software build tools coupled to said configuration tool; and

a web browser coupled to said computer and said configuration tool for interfacing with the system integrator and with storage media in a distributed environment.

24. (Currently Amended) The configuration system according to claim 23, further including:

storage media having physical implementation of at least some of the middleware configuration files in a markup language.

25. (Currently Amended) The configuration system according to claim 24, further including:

storage media having physical implementation of script physically implementing a method of reading middleware configuration files in response to input of choices from the system integrator.

26. (Currently Amended) The configuration system according to claim 23, further including:

storage media having physical implementation of script physically implementing a method of reading middleware configuration files in response to input of choices from the system integrator.

27. (Original) The configuration system according to claim 22, wherein said means for controlling downloading communicates with the storage in a distributed environment.